# Project Application Land Use Department

P.O. Box 660; 333 Calef Hwy, Barrington, NH 03825 \* Phone: 603-664-5798 \* Fax: 603-664-0188

253-14-62 SDA0 -23-5 Case Number: Proj	ect Name: Bridle Path Way		Date_8-15-23
	Staff Signature required PRIOR	to submittal	
PRELIMINARY APPLICATION: Prelimina	ry Conceptual Review De	esign Review Development of	Regional Impact
FORMAL APPLICATION: Subdivision Type: Major Minor Site Plan Review: Major × Minor		Conservation	
Conditional Use Permit Change of Use Ex	Sign Permit ctension for Site Plan or Subdivion/Site Plan Approval O	Boundary Line Adjustment vision Completion ther	Special Permit
Project Name: Rupert Drive		Area (Acre	s or S.F) 13.47
Project Address: 49 Winkley Pond Road			
Current Zoning District(s): GR with Aqu	lifer Overlay	Map(s) 253 Lot	(s) 14
Request: To permit 7 residential units using Article 4	\$, Section 2.1		3 5 7
The property owner shall designate an agent for the projet agenda, recommendations, and case reports, and will comacts	ct. This person (the applicant) shall at imunicate all case information to other for this project will be made through	parties as required.	hearings, will receive the
Owner: Hambone LLC Robert Baldwin Managing Mem	ber		
Company Phone: 603-742-2121 603-986-2373 Address: 242 Cenral Ave, Dover, NH 03820	Fax:	E-mail:robert@centralfalls	realty.com
Address: 242 Cenral Ave, Dover, NH 03820			
Applicant (Contact): Same			
Company			
Phone:	Fax:	E-mail:	
Address:			
Developer: Same			
Company	T.		
Phone: Address:	rax:	E-mail:	
Architect:			
Company			
Phone:	Fax:	E-mail:	
Address:			
Engineer: Berry Surveying & Engineering, Christopher	R. Berry Project Manager, Kenneth A. B	Berry PE, LLS	CONTRACTOR AND ASSESSMENT OF THE PARTY OF TH
Company			
Phone: 603-332-2863	Fax:	E-mail: <u>crberry@metroca</u> k.berry@berrysun	st.net
Address: 335 Second Crown Point Road, Barrington, I	NH 03825	k.berry@berrysur	/eying.com
		RECEIV	Laborator Laboratoria de la constantina della co
Owner Signature Drung	Applicant Signature 8-15-23	AUG 1 0 2023	}
Staff Signature	Date	LAND USE OF	FICE

Rarrington	Subdivision	Regulations
pairmyton	Supulvision	Negulations

Application Checklis	Ap	plica	ation	Ch	eci	klis	ť
----------------------	----	-------	-------	----	-----	------	---

Subdivision, Site Review, and Lot Line Adjustment Application Checklist
Barrington Planning Board
Adopted January 20, 2009

This checklist is intended to assist applicants in preparing a complete application for subdivision as required by the Barrington Subdivision Regulations and must be submitted along with all subdivision applications. An applicant seeking subdivision approval shall be responsible for all requirements specified in the Barrington Subdivision Regulations even if said requirements are omitted from this checklist.

An applicant seeking subdivision approval shall be responsible for providing all the information listed in the column below entitled "Subdivision" and should place an "x" in each box to indicate that this information has been provided. If an item is considered unnecessary for certain applications the "NA" box should be marked instead indicating "Not Applicable". Only certain checklist items are required for lot line adjustments, as noted by the applicable check boxes below.

			_	-
Check The Appropriate Box or Boxes Below:				
Lot Line Relocation X Site Plan Subdivision Plan				- [
See Section I & II See Sections I & II See Sections I, II, III, IV & V		_		
•	jed			
	Provided	MA	.	
	4		1	
Section I.				
General Requirements				
Completed Application Form	Ø			
2. Complete abutters list	Ø			
3. Payment of all required fees	Ø			٠.
4. Five (5) full size sets of plans and six 12 sets of plans 11" by 17" submitted with all	Ø			
required information in accordance with the subdivision regulations and this				.
checklist	<u> </u>	_		
5. Copies of any proposed easement deeds, protective covenants or other legal		×		
documents	C71			$\vdash$
Any waiver request(s) submitted with justification in writing	X			$\vdash$
7. Technical reports and supporting documents (see Sections IX & X of this checklist)	₩.		ļ.,	
Completed Application Checklist	×			
Section II.				
General Plan Information	-		<u> </u>	$\vdash$
1. Size and presentation of sheet(s) per registry requirements and the subdivision	i⊠			
regulations	-	10		$\vdash$
2. Title block information:	N N			$\vdash$
a. Drawing title	Ø			$\vdash$
b. Name of subdivision	X	0		
c. Location of subdivision	Ø		ļ	
d. Tax map & lot numbers of subject parcel(s)	N.		1 100	
2-(	An il scenario	A A	1.	

(date of adoption) AUG 1

				-
e. Name & address of owner(s)	X			
f. Date of plan	Ø -			
g. Scale of plan	□ <b>⊠</b>			
h. Sheet number	Ø			
i. Name, address, & telephone number of design firm				
j. Name and address of applicant	<b>Z</b>			
3. Revision block with provision for amendment dates	Ø			
4. Planning Board approval block provided on each sheet to be recorded	Ø			
Certification block (for engineer or surveyor)	Ø			
6. Match lines (If any)	X			
7. Zoning designation of subject parcel(s) including overlay districts	Ø			
8. Minimum lot area, frontages & setback dimensions required for district(s)	X			
List Federal Emergency Management Agency (FEMA) sheet(s) used to identify100-year flood elevation, locate the elevation	X			
10. Note the following: "If, during construction, it becomes apparent that deficiencies exist in the approved design drawings, the Contractor shall be required to correct the deficiencies to meet the requirements of the regulations at no expense to the Town."	☑.			
11. Note the following: "Required erosion control measures shall be installed prior to any disturbance of the site's surface area and shall be maintained through the completion of all construction activities. If, during construction, it becomes apparent that additional erosion control measures are required to stop any erosion on the construction site due to actual site conditions, the Owner shall be required to install the necessary erosion protection at no expense to the Town."				
12. Note identifying which plans are to be recorded and which are on file at the town.	X			
13. Note the following: "All materials and methods of construction shall conform to Town of Barrington Subdivision Regulations and the latest edition of the New Hampshire Department of Transportation's Standard Specifications for Road &	<b>□ 3</b>	Ċ		
Bridge Construction."  14. North arrow	X			
15. Location & elevation(s) of 100-year flood zone per FEMA Flood Insurance Study				
16. Plan and deed references	<del>                                    </del>			
17. The following notes shall be provided:	N O			
a. Purpose of plan	N.			
b. Existing and proposed use	1 X			
c. Water supply source (name of provider (company) if offsite)	XD.			
d. Zoning variances/special exceptions with conditions	120	믐		<u> </u>
e. List of required permits and permit approval numbers	X			
f. Vicinity sketch showing 1,000 feet surrounding the site	N N			
g. Plan index indicating all sheets	X			
18. Boundary of entire property to be subdivided	X			
19. Boundary monuments	X			
a. Monuments found				
<ul> <li>Map number and lot number, name addresses, and zoning of all abutting land owners</li> </ul>	. 😾			
c. Monuments to be set	図			
20. Existing streets:	N N		<u>.                                    </u>	_
a. Name labeled		Q		
b. Status noted or labeled	₩.		·	
c. Right-of-way dimensioned	· 🛭			_
d. Pavement width dimensioned	□ □			
21. Municipal boundaries (if any)	Cx		<u> </u>	

RECEIVED

\_(date of adoption)

AHG 15, 2023

22. Existing easements (identified by type)		M	
	<u> </u>	X	
A) Drainage easement(s)  B) Slope easements(s)		Ø	
C) Utility easement(s)		Ø	
D) Temporary easement(s) (Such as temporary turnaround		Q	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Q		
	*	-	
Conservation Commission)     Vehicular & pedestrian access easement(s)		Ø.	
Venicular & pedestrian access easement(s)  H) Visibility easement(s)		Ø	
	[2]		
Fire pond/cistern(s)      Fire pond/cistern(s)		Ø	
J) Roadway widening easement(s)		Ø.	
K) Walking trail easement(s)		₩ I	
a) Other easement(s) Note type(s)		N N	_
23. Designation of each proposed lot (by map & lot numbers as provided by the		الما	1 1
assessor)	₩ I		
24. Area of each lot (in acres & square feet):	Ď.	司	
a. Existing lot(s)	3	금	-
b. Contiguous upland(s)	X	금	-
25. Wetland delineation (including Prime Wetlands):	Ø.	급	
a. Limits of wetlands		금	_
b. Wetland delineation criteria	×	님	
c. Wetland Scientist certification	· 🔀		
26. Owner(s) signature(s)	Ø		
27. All required setbacks	×		
28. Physical features	Ø		
a. Buildings	K		
b. Wells	Q		
c. Septic systems			
d. Stone walls			
e. Paved drives	Ø		
f. Gravel drives	Ø		
29. Location & name (if any) of any streams or water bodies	N	. 🗆	
30. Location of existing overhead utility lines, poles, towers, etc.	\ ⊠		
31. Two-foot contour interval topography shown over all subject parcels	□ □ □		
32. Map and lot numbers, name, addresses, and zoning of all abutting land owners	Ø		
	+		
Section III Proposed Site Conditions Plan			
(Use Sections I General Requirements & Section II General Plan Information)			
Surveyor's stamp and signature by Licensed Land Surveyor			
Proposed lot configuration defined by metes and bounds		. 0	
Proposed easements defined by metes & bounds. Check each type of proposed			
easement applicable to this application:			
a. Drainage easement(s)	. 0		
b. Slope easement(s)			
the second secon		1.0	
11 1		10	
		10	
1. Vyantig trait caccinotic(c)	1.0	_	
g. Other easement(s) Note type(s)			
4. Area of each lot (in acres & square feet):		_	
a. Total upland(s)	Teneros V	. 1	YI C
	N N		· Personal San

5. Proposed streets:	b. Contiguous uplands(s)			
b. Width of right-of-way dimensioned c. Pavement width dimensioned d. Source and datum of topographic information (USGS required) 7. Show at least one benchmark per sheet (min.) and per 5 acres (min.) of total site aree aree 8. Soil Conservation Service (SCS) soil survey information 9. Location, type, size & inverts of the following (as applicable): 10. Existing water systems 10. Existing water systems 10. Existing drainage systems 10. Existing drainage systems 11. Existing unities 12. Existing unities 13. Existing unities 14. Location of all water wells with protective radii as required by the NH Department of Environmental Services (meeting Town and NHDES setback requirements) 12. Existing the lines 13. Existing ladge outcroppings & other significant natural features 13. Existing ladge outcroppings & other significant natural features 14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 18.3.2 (Final Plan Requirements) of the Subdivision Regulations 15. Regulations 16. Traffic signs and bear of the fact	5. Proposed streets:			
c. Pavement width dimensioned 6. Source and datum of topographic information (USGS required) 7. Show at least one benchmark per sheet (min.) and per 6 acres (min.) of total site area 8. Soli Conservation Service (SCS) soil survey information 9. Location, type, size & inverts of the following (as applicable): 9. Location, type, size & inverts of the following (as applicable): 9. Location, type, size & inverts of the following (as applicable): 9. Location, type, size & inverts of the following (as applicable): 9. Location from the following (as applicable): 9. Location of all water wells with protective radii as required by the NH Department of Environmental Services (meeting Town and NH/DES setback requirements) 11. Location of all water wells with protective radii as required by the NH Department of Environmental Services (meeting Town and NH/DES setback requirements) 12. Existing tree lines 13. Existing ledge outcroppings & other significant natural features 14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations 14. Oralinage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations 15. Socion IV 16. Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations 16. Sidewalk detail 17. Typical driveway apron detail 18. Curbing detail 19. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	a. Name(s) labeled			
6. Source and datum of topographic information (USGS required) 7. Show at least one benchmark per sheet (min.) and per 5 acres (min.) of total site area 8. Soil Conservation Service (SCS) soil survey information 9. Location, type, size & inverts of the following (as applicable): 1. Existing water systems 1. Existing water systems 1. Existing unitities 1. Existing unitities 1. Location of all water wells with protective radii as required by the NH Department of Environmental Services (meeting Town and NHDES setback requirements) 12. Existing tree lines 13. Existing tree lines 13. Existing ledge outcroppings & other significant natural features 14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations  Section IV  Construction Detail Drawings Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations 1. Typical cross-section of roadway 2. Typical driveway apron detail 3. Curbing detail 4. Guardrall detail 5. Sidewalk detail 6. Sidewalk detail 7. Drainage structure(s): 8. Outlet protection ripray apron 9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical sperader 13. First protection ripray apron 14. Erosion control details 15. Construction sequence 16. Erosion control notes 17. Existing & Inish centerline grades 18. Outlet protection Notes 19. Drainage structure (specific and seven control notes 20. Drainage structure (specific and seven control notes 20. Drainage structure (specific and seven control notes 20. Drainage structure (specific and seven control notes 21. Existing & finish centerline grades 22. Drainage structure (s	b. Width of right-of-way dimensioned			
7. Show at least one benchmark per sheet (min.) and per 5 acres (min.) of total site area 8. Soil Conservation Service (SCS) soil survey information 9. Location, type, size & inverts of the following (as applicable):  a. Existing drainage systems b. Existing drainage systems c. Existing drainage systems c. Existing drainage systems c. Existing drainage systems c. Existing utilities 10. 4K affluent areas with 2 test pit locations shown with sultable leaching areas 11. Location of all water wells with protective radii as required by the NH Department of Environmental Services (meeting Town and NHDES setback requirements) 12. Existing tree lines 13. Existing ledge outcroppings & other significant natural features 14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations 8 ection IV Construction Detail Drawings Note: Construction details to conform with NHDOT Standards & Specifications for Rada & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations 1. Typical cross-section of roadway 2. Typical driveway apron detail 3. Curbing detail 4. Guardrail detail 5. Sidewalk detail 6. Traffic signs and pevement markings 7. Drainage structure(s): 8. Gudtet protection riprap apron 9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical pipe trench 13. Fire protection riprap apron 14. Erosion control details: 15. Construction sequence 16. Erosion control notes 17. Existing & finish centerline grades 18. Existing & finish centerline grades 19. Proposed pavement - Typical cross-section 10. The Branchmant slopes	c. Pavement width dimensioned			
area 8. Soli Conservation Service (SCS) soli survey information 9. Location, type, size & inverts of the following (as applicable): 9. Location, type, size & inverts of the following (as applicable): 9. Location dealing eystems 9. Existing water systems 9. Existing drillage systems 10. 4K affluent areas with 2 test pit locations shown with sulfable leaching areas 11. Location of all water wells with protective radii as required by the NH Department Of Environmental Services (meeting Town and NHDES setback requirements) 12. Existing tree lines 13. Existing ledge outcroppings & other significant natural features 14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations 14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations 15. Solidages, Town of Barrington Highway Department requirements, and Subdivision Regulations 16. Typical cross-section of roadway 17. Typical cross-section of roadway 18. Curbing detail 19. Typical detail 19. Construction detail 10. Traffic signs and pavement markings 10. Traffic signs and pavement markings 10. Traffic signs and pavement markings 11. Typical pipe trench 12. Typical pipe trench 13. Fire protection details 14. Erosion control details 15. Construction sequence 16. Erositruction sequence 17. Event structure (S): 18. Construction sequence 19. Erosion control details 19. Construction notes 10. Construction notes 10. Construction notes 10. Existing & finish centerline grades 19. Proposed pavement - Typical cross-section 10. Right-of-way and easement limits 10. Embankment slopes				
8. Soil Conservation Service (SCS) soil survey information 9. Location, type, size & inverts of the following (as applicable): 1 a. Existing water systems b. Existing drainage systems c. Existing drainage systems c. Existing drainage systems c. Existing unature systems c. Existing unature systems c. Existing unature systems c. Existing drainage systems c. Existing unature systems d. J. AK affurent areas with 2 test pit locations shown with sulfable leaching areas 11. Location of all water wells with protective radii as required by the NH Department of Environmental Services (meeting Town and NHDES setback requirements) 12. Existing tree lines 13. Existing ledge outoroppings & other significant natural features 14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations 8 Section IV  Construction Detail Drawings Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations 1. Typical cross-section of roadway 2. Typical driveway apron detail 3. Curbing detail 4. Guardrail detail 5. Sidewalk detail 6. Traffic signs and pavement markings 7. Drainage structure(s): 8. Outlet protection riprap apron 9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical pipe trench 13. Fire protection details 14. Erosion control details: 15. Construction sequence 16. Erosion control notes 17. Drainage structure signs 18. Construction sequence 19. Erosion control notes 19. Construction notes 10. Treatment system construction notes 10. Existing & finish centerline graces 11. Embankment slopes 12. Proposed pavement "Typical cross-section 12. Existing & finish centerline graces 13. Existing & finish centerline graces 14. Embankment slopes				
9. Location, type, size & inverts of the following (as applicable):  'a. Existing water systems  b. Existing drainage systems  c. Existing utilities  10. 4K affluent areas with 2 test pit locations shown with sultable leaching areas  11. Location of all water wells with protective radii as required by the NH Department Of Environmental Services (meeting Town and NHDES setback requirements)  12. Existing tree lines  13. Existing tree lines  14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations  Section IV  Construction Detail Drawings  Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations  1. Typical cross-section of roadway  2. Typical driveway apron detail  3. Curbing detail  4. Guardrail detail  5. Sidewalk detail  6. Traffic signs and pavement markings  7. Drainage structure(s):  8. Outlet protection riprapapron  9. Level spreader  10. Treatment swale  11. Typical section at detention basin  12. Typical pipe trench  13. Fire protection fetalls:  14. Erosion control details:  15. Construction Notes  16. Construction Notes  17. Construction Notes  18. Construction Notes  19. Construction Notes  19. Construction Notes  20. Construction Notes  21. Construction Notes  22. Construction Notes  23. Construction Notes  24. Construction Notes  25. Construction Notes  26. Construction Notes  27. Construction Notes  28. Construction Notes  29. Construction Note		П		
a. Existing water systems b. Existing drainage systems c. Existing drainage systems containing all of the Number specified in Section 16.3.2 (Final Plan Requirements) by the NH Department control Plans, containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations construction Detail Drawings Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations construction Detail Drawings Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations curbing detail construction details conformation of roadway conformation requirements, and Subdivision Regulations conformation requirements, and Subdivision Regulations conformation requirements conformation requirements construction fire specific and several requirements conformation requirements conformation requirements construction requirements construction requirements construction requirements construction requirements construction requirements construction notes construction requirements construction notes construction requirements construction notes construction requirements construction requirements construction notes construction requirements construction notes construction requirements construction requirements construction requirements construction requirements construction requirements construction requirements construct				
b. Existing drainage systems c. Existing utilities c. Existing the union of all water wells with protective radii as required by the NH Department control fenvironmental Services (meeting Town and NHDES setback requirements) c. Existing tree lines c. Existing tree lines c. Existing tree lines c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing ledge outorophings & other significant natural features c. Existing definition of the subdivision requirements c. Existing & finish centerline grades c. Existing & finish centerline grades c. Embankment slopes c. Existing the				
C. Existing utilities				
10. 4K affluent areas with 2 test pit locations shown with sultable leaching areas				
11. Location of all water wells with protective radii as required by the NH Department Of Environmental Services (meeting Town and NHDES setback requirements)  12. Existing tree lines  13. Existing ledge outoroppings & other significant natural features  14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations  Section IV  Construction Detail Drawings  Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations  1. Typical cross-section of roadway  2. Typical driveway apron detail  3. Curbing detail  4. Guardrall detail  5. Sidewalk detail  6. Traffic signs and pavement markings  7. Drainage structure(s):  8. Outlet protection riprap apron  9. Level spreader  10. Treatment swale  11. Typical section at detention basin  12. Typical pipe trench  13. Fire protection details  14. Erosion control details:  15. Construction sequence  16. Erosion control details:  17. Construction sequence  18. Erosion control notes  18. Construction sequence  19. Erosion control notes  19. Construction notes  20. Construction sequence  21. Existing & finish centerline grades  22. Construction sequence construction notes  23. Construction sequence construction notes  24. Construction sequence construction notes  25. Existing & finish centerline grades  26. Proposed pavement Typical cross-section  27. Replacements and NHDES are subdivision and service requirements and NHDES are subdivision Requirements specified in section and sevent limits  18. Existing & finish centerline grades  19. Proposed pavement Typical cross-section  10. Replacements and NHDES are subdivision Requirements specified in section and sevent limits  19. Construction sequence construction notes  19. Cons				
Of Environmental Services (meeting Town and NHDES setback requirements)  12. Existing tree lines  13. Existing ledge outcroppings & other significant natural features  14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations  Section IV  Construction Detail Drawings  Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations  1. Typical cross-section of roadway  2. Typical driveway apron detail  3. Curbing detail  4. Guardrall detail  5. Sidewalk detail  6. Sidewalk detail  7. Drainage structure(s):  8. Outlet protection riprap apron  9. Level spreader  10. Treatment swale  11. Typical section at detention basin  12. Typical pipe trench  13. Fire protection details  14. Erosion control details  15. Construction sequence  16. Existing & Firsh centerline grades  17. Existing & Firsh centerline grades  18. Existing & Firsh centerline grades  19. Proposed pavement - Typical cross-section  10. Right-of-way and easement limits  10. Embankment slopes				
12. Existing tree lines	Of Environmental Services (meeting Town and NHDES setback requirements)		7	
13. Existing ledge outcroppings & other significant natural features  14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations  Section IV  Construction Detail Drawings  Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations  1. Typical cross-section of roadway  2. Typical driveway apron detail  3. Curbing detail  4. Guardrail detail  5. Sidewalk detail  6. Traffic signs and pavement markings  7. Drainage structure(s):  8. Outlet protection riprap apron  9. Level spreader  10. Treatment swale  11. Typical section at detention basin  12. Typical pipe trench  13. Fire protection details  14. Erosion control details  15. Construction Notes  a. Construction sequence  b. Erosion control notes  c. Landscaping notes  d. Water system construction notes  e. Sewage system construction notes  f. Existing & finish centerline grades  g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  1	12. Existing tree lines			
14. Drainage, Erosion and Sediment Control Plan(s) containing all of the requirements specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations  Section IV  Construction Detail Drawings  Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations  1. Typical cross-section of roadway  2. Typical driveway apron detail  3. Curbing detail  4. Guardrall detail  5. Sidewalk detail  6. Traffic signs and pavement markings  7. Drainage structure(s):  8. Outlet protection riprap apron  9. Level spreader  10. Treatment swale  11. Typical section at detention basin  12. Typical pipe trench  13. Fire protection details:  14. Erosion control details:  15. Construction Notes  a. Construction Notes  a. Construction sequence  b. Erosion control notes  c. Landscaping notes  d. Water system construction notes  f. Existing & finish centerline grades  g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  1. Embankment slopes				
specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision Regulations  Note: Construction Detail Drawings  Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations  1. Typical cross-section of roadway  2. Typical driveway apron detail  3. Curbing detail  4. Guardrall detail  5. Sidewalk detail  6. Traffic signs and pavement markings  7. Drainage structure(s):  8. Outlet protection riprap apron  9. Level spreader  10. Treatment swale  11. Typical section at detention basin  12. Typical pipe trench  13. Fire protection details  14. Erosion control details  15. Construction Notes  a. Construction Notes  a. Construction sequence  b. Erosion control notes  c. Landscaping notes  d. Water system construction notes  f. Existing & finish centerline grades  g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  1. Embankment slopes	14. Drainage Erosion and Sediment Control Plan(s) containing all of the requirements			
Section IV Construction Detail Drawings  Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations  1. Typical cross-section of roadway 2. Typical driveway apron detail 3. Curbing detail 4. Guardrall detail 5. Sidewalk detail 6. Traffic signs and pavement markings 7. Drainage structure(s): 8. Outlet protection riprap apron 9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical pipe trench 13. Fire protection details 14. Erosion control details 15. Construction Notes 2	specified in Section 16.3.2 (Final Plan Requirements) of the Subdivision			
Note: Construction details to conform with NHDOT Standards & Specifications for Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations  1. Typical cross-section of roadway  2. Typical driveway apron detail  3. Curbing detail  4. Guardrall detail  5. Sidewalk detail  6. Traffic signs and pavement markings  7. Drainage structure(s):  8. Outlet protection riprap apron  9. Level spreader  10. Treatment swale  11. Typical section at detention basin  12. Typical splie trench  13. Fire protection details  14. Erosion control details  15. Construction Notes  2				
Roads & Bridges, Town of Barrington Highway Department requirements, and Subdivision Regulations  1. Typical cross-section of roadway 2. Typical driveway apron detail 3. Curbing detail 4. Guardrail detail 5. Sidewalk detail 6. Traffic signs and pavement markings 7. Drainage structure(s): 8. Outlet protection riprap apron 9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical pipe trench 13. Fire protection details 14. Erosion control details: 15. Construction Notes 16. Construction Notes 17. Construction sequence 18. Erosion control notes 19. Erosion control notes 10. Treatment swale 11. Typical section details: 12. Typical pipe trench 13. Fire protection details: 14. Erosion control details: 15. Construction Notes 16. Evisting sequence 17. Evisting sequence 18. Erosion control notes 19. Construction notes 19. Construction sequence 19. Erosion control notes 19. Construction sequence 19. Evisting sequence 20. Construction notes 20. Construction sequence 20. Construction sequence 21. Evisting sequence 22. Construction notes 23. Construction notes 24. Construction notes 25. Construction sequence 26. Existing sequence 27. Construction notes 28. Construction notes 29. Construction notes 29. Construction notes 20. Co	Construction Detail Drawings			
Subdivision Regulations  1. Typical cross-section of roadway 2. Typical driveway apron detail 3. Curbing detail 4. Guardrail detail 5. Sidewalk detail 6. Traffic signs and pavement markings 7. Drainage structure(s): 8. Outlet protection riprap apron 9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical pipe trench 13. Fire protection details 14. Erosion control details: 15. Construction Notes 26. Landscaping notes 27. Drainage structure(s): 28. Outlet protection at detention basin 29. Level spreader 29. Level spreader 29. Level spreader 29. Level spreader 30. L	Note: Construction details to conform with NHDOT Standards & Specifications for	Ø		
1. Typical cross-section of roadway 2. Typical driveway apron detail 3. Curbing detail 4. Guardrall detail 5. Sidewalk detail 6. Traffic signs and pavement markings 7. Drainage structure(s): 8. Outlet protection riprap apron 9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical pipe trench 13. Fire protection details 14. Erosion control details: 15. Construction Notes a. Construction Notes b. Erosion control notes c. Landscaping notes d. Water system construction notes e. Sewage system construction notes f. Existing & finish centerline grades g. Proposed pavement - Typical cross-section h. Right-of-way and easement limits i. Embankment slopes	Subdivision Regulations			
3. Curbing detail 4. Guardrall detail 5. Sidewalk detail 6. Traffic signs and pavement markings 7. Drainage structure(s): 8. Outlet protection riprap apron 9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical pipe trench 13. Fire protection details 14. Erosion control details: 15. Construction Notes 16. Construction sequence 17. Construction sequence 18. Erosion control notes 19. C. Landscaping notes 19. C. Landscaping notes 19. C. Sewage system construction notes 19. Existing & finish centerline grades 19. Proposed pavement - Typical cross-section 19. C. Embankment slopes		Ø		
3. Curbing detail 4. Guardrall detail 5. Sidewalk detail 6. Traffic signs and pavement markings 7. Drainage structure(s): 8. Outlet protection riprap apron 9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical pipe trench 13. Fire protection details: 14. Erosion control details: 15. Construction Notes 2		Ø		
4. Guardrall detail  5. Sidewalk detail  6. Traffic signs and pavement markings  7. Drainage structure(s):  8. Outlet protection riprap apron  9. Level spreader  10. Treatment swale  11. Typical section at detention basin  12. Typical pipe trench  13. Fire protection details:  14. Erosion control details:  15. Construction Notes  16. Construction Notes  17. Construction sequence  18. Erosion control notes  19. □  10. □  10. □  11. Typical section details:  10. □  11. Typical pipe trench  12. Typical pipe trench  13. Fire protection details:  14. Erosion control details:  15. Construction Notes  16. Construction Notes  17. □  18. Erosion control notes  19. □  10. □  11. Typical pipe trench  10. □  11. Typical pipe trench  12. □  13. □  14. Erosion control details:  15. Construction Notes  16. Erosion control notes  17. □  18. □  19. □  10. □  10. □  10. □  11. Typical pipe trench  10. □  11. Typical pipe trench  12. □  13. □  14. Erosion control notes  15. □  16. Existing & finish centerline grades  17. □  18. □  19. □  10. □  10. □  10. □  11. Typical pipe trench  12. □  13. □  14. Erosion control notes  16. □  17. □  18. □  19. □  19. □  10. □		Ø		
5. Sidewalk detail       Image: signs and pavement markings       Image: signs and pavement markings         7. Drainage.structure(s):       Image: signs and pavement markings         8. Outlet protection riprap apron       Image: signs and pavement markings         9. Level spreader       Image: signs and pavement markings         10. Treatment swale       Image: signs and pavement markings         11. Typical section riprap apron       Image: signs and pavement markings         12. Typical pipe trench       Image: signs and signs appears         12. Typical pipe trench       Image: signs appears         13. Fire protection details       Image: signs appears         14. Erosion control details:       Image: signs appears         15. Construction Notes       Image: signs appears         26. Construction sequence       Image: signs appears         27. Image: signs appears       Image: signs appears         28. Erosion control notes       Image: signs appears         29. Image: signs appears       Image: signs appears         30. Image: signs appears<		Ø		
6. Traffic signs and pavement markings 7. Dralnage structure(s): 8. Outlet protection riprap apron 9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical pipe trench 13. Fire protection details 14. Erosion control details: 15. Construction Notes 16. Construction sequence 17. Details are construction notes 18. Construction sequence 19. Constructio	and the same of th			
7. Drainage structure(s):       □				
8. Outlet protection riprap apron 9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical pipe trench 13. Fire protection details 14. Erosion control details: 15. Construction Notes 16. Construction sequence 17. Erosion control notes 18. Construction sequence 19. Construction sequence 19. Construction sequence 19. Construction sequence 19. Construction sequence 20. Constru				
9. Level spreader 10. Treatment swale 11. Typical section at detention basin 12. Typical pipe trench 13. Fire protection details 14. Erosion control details: 15. Construction Notes 16. Construction sequence 17. Determine the sequence 18. Erosion control notes 19. Determine the sequence 20. Determine the sequence 20. Determine the sequence 21. Determine the sequence t				
10. Treatment swale  11. Typical section at detention basin  12. Typical pipe trench  13. Fire protection details  14. Erosion control details:  15. Construction Notes  16. Erosion control notes  17. C. Landscaping notes  18. C. Landscaping notes  19. C. Landscaping notes  20. C. Landscaping notes  21. C. Landscaping notes  22. C. Landscaping notes  23. C. Landscaping notes  24. C. Landscaping notes  25. C. Landscaping notes  26. C. Landscaping notes  27. C. Landscaping notes  28. C. Landscaping notes  29. C. Landscaping notes  20. C. Landscaping notes  21. C. Landscaping notes  22. C. Landscaping notes  23. C. Landscaping notes  24. C. Landscaping notes  25. C. Landscaping notes  26. C. Landscaping notes  27. C. Landscaping notes  28. C. Landscaping notes  29. C. Landscaping notes  20. C. Landscaping notes  21. C. Landscaping notes  22. C. Landscaping notes  23. C. Landscaping notes  24. C. Landscaping notes  25. C. Landscaping notes  26. C. Landscaping notes  27. C. Landscaping notes  28. C. Landscaping notes  29. C. Landscaping notes  20.		I I		
11. Typical section at detention basin  12. Typical pipe trench  13. Fire protection details  14. Erosion control details:  15. Construction Notes  a. Construction sequence  b. Erosion control notes  c. Landscaping notes  d. Water system construction notes  e. Sewage system construction notes  f. Existing & finish centerline grades  g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  i. Embankment slopes			N	
12. Typical pipe trench  13. Fire protection details  14. Erosion control details:  15. Construction Notes  a. Construction sequence  b. Erosion control notes  c. Landscaping notes  d. Water system construction notes  e. Sewage system construction notes  f. Existing & finish centerline grades  g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  i. Embankment slopes		<b>M</b>		
13. Fire protection details:  14. Erosion control details:  15. Construction Notes  a. Construction sequence  b. Erosion control notes  c. Landscaping notes  d. Water system construction notes  e. Sewage system construction notes  f. Existing & finish centerline grades  g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  i. Embankment slopes				
14. Erosion control details:  15. Construction Notes  a. Construction sequence  b. Erosion control notes  c. Landscaping notes  d. Water system construction notes  e. Sewage system construction notes  f. Existing & finish centerline grades  g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  i. Embankment slopes				
15. Construction Notes  a. Construction sequence  b. Erosion control notes  c. Landscaping notes  d. Water system construction notes  e. Sewage system construction notes  f. Existing & finish centerline grades  g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  i. Embankment slopes				
a. Construction sequence  b. Erosion control notes  c. Landscaping notes  d. Water system construction notes  e. Sewage system construction notes  f. Existing & finish centerline grades  g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  i. Embankment slopes				
b. Erosion control notes  c. Landscaping notes  d. Water system construction notes  e. Sewage system construction notes  f. Existing & finish centerline grades  g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  i. Embankment slopes				
c. Landscaping notes d. Water system construction notes e. Sewage system construction notes f. Existing & finish centerline grades g. Proposed pavement - Typical cross-section h. Right-of-way and easement limits i. Embankment slopes				
d. Water system construction notes e. Sewage system construction notes f. Existing & finish centerline grades g. Proposed pavement - Typical cross-section h. Right-of-way and easement limits i. Embankment slopes				<del></del>
e. Sewage system construction notes  f. Existing & finish centerline grades  g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  i. Embankment slopes				<del></del>
f. Existing & finish centerline grades g. Proposed pavement - Typical cross-section h. Right-of-way and easement limits i. Embankment slopes	The state of the s			
g. Proposed pavement - Typical cross-section  h. Right-of-way and easement limits  i. Embankment slopes				
h. Right-of-way and easement limits       □       ▼         i. Embankment slopes       □       □	T. Existing & Tinish centerline grades			
i. Embankment slopes	g. Proposed pavement - Typical cross-section		_	$\vdash$
		-		
j. Utilities			-	
	J. Utilities	[]		

LAND USE OFFICE

(date of adoption)

Se	ction V				
Su	pporting Documentation If Required				
1.	Calculation of permitted housing density (for Conservation Subdivisions only as	Ø			*
	required in Article 6 of the Barrington Zoning Ordinance)	-		 _	
2.	Stormwater management report	X	L		
3.	Traffic impact analysis	XI.			
4.	Environmental impact assessment		X		Less than 20
5.	Hydrogeologic study		N		Less Than 20
6.	Fiscal impact study provided				19
7.	Calculation of permitted housing density (for Conservation Subdivisions only as required in Article 6 of the Barrington Zoning Ordinance)	Ø			, i
8.			Ø		

DECEIVED

AUG 15 2023

## APPLICATION AGREEMENT

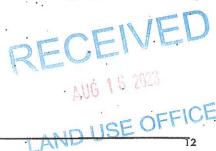
I hereby apply for Subdivision Plan Review and acknowledge I will comply with all of the ordinances of the Town Of Barrington, New Hampshire State Laws, as well as any stipulations of the Planning Board, in development and construction of this project. I understand that if any of the subdivision Plan or Application specifications are incomplete, the Application will be considered rejected.

In consideration for approval and the privileges accruing thereto, the subdivider thereby agrees:

- E. To carry out the improvements agreed upon and as shown and intended by said plat, including any work made necessary by unforeseen conditions which become apparent during construction of the subdivision.
- E. To post all streets "Private" until accepted by the Town and to provide and install street signs as approved by the Selectmen of the Town for all street intersections.
- E. To give the Town on demand, proper deeds for land or rights-of-way reserved on the plat for streets, drainage, or other purposes as agreed upon.
- E. To save the Town harmless from any obligation it may incur or repairs it may make, because of my failure to carry out any of the foregoing provisions.

Mr/Mrs Christopher Roßerry of Berry Surveying & Engineering to whom all communications to the subdivider may be addressed with any proceedings arising out of
Communications to the Subartifications and the subartifications to the Subartification to the Subarti
the agreement herein.
Signature of Original
Signature of Owner: Owners Rep.
- (N ////
Signature of Developer:
Signature of Developer.
· · · · · · · · · · · · · · · · · · ·
Technical Review Signatures:

Town Engineer/Planner Approval Signature: \_\_\_\_\_\_ The owners, by the filing of this application as indicated above, hereby give permission for any member of the Barrington Planning Board, the Town Engineer, The Conservation Commission and such agents or employees of the Town or other persons as the Planning Board may authorize, to enter upon the property which is the subject of this application at all reasonable times for the purpose of such examinations, surveys, test and inspections as may be appropriate.



(Refusal to sign this permission form does not invalidate an application, but the Planning Board may not be able to make an informed decision regarding unseen lands with potential areas of concerns).

Signature of Owner:

Owners Rep.

Note: The developer/individual in charge must have control over all project work and be available to the Road Agent and Code Enforcement Officer during the construction phase of the project. The Road Agent and Code Enforcement Officer must be notified within two (2) working days of any change by the individual in charge of the project.



ADMINISTRATIVE AND REVIEW FEES

AND USE OFFICE

## **TOWN OF BARRINGTON - LAND USE DEPARTMENT**

## **PROJECT NARRATIVE**

PROJECT NAME Proposed Subdivision for Hambone LLC CASE FILE NUMBER

PROJECT LOCATION 49 Winkley Pond Road

DATE OF APPLICATION 8-15-23

Property Details:

Single-Family Residential Multi-Family Residential × Commercial Industrial

Current Zoning: General Residential Lot Area Size 13.47

sarrent Loring.

Setbacks: Front 40' Conventional Side 30' Conventional Rear 30' Conventional

Parking Spaces Required: 14 Parking Spaces Provided: 14

Please describe your project and its purpose and intent. You may attach a typed description.

The applicant is proposing to construct 7 multi family units using Article 4, Section 2.1 of the Zoning Ordinance which is a permitted use in the GR Zone. There is an existing mobile home on-site with an existing barn structure. Both are located within the front setback. The applicant is proposing to remove the existing barn to allow for the best location of an entrance driveway. The existing mobile will be removed. The proposal is to build a 5 units in one building and a duplex in a second building. All of the units will be accessed from a new Private Drive currently named Bridle Path Way, which is equipped with a hammer head turn around. The proposed driveway is currently shown as 22' wide, based on the low number of units to which it provides access. This driveway is considered a Major Access whereas the number of units exceeds 4 and is less than 35.

Each proposed unit contains 2 garage spaces and many contain 2 parking spaces in front of the garage doors. The project proposes a common well (non public water supply) and a common effluent disposal field. Stormwater will be collected and treated through a rain garden (bio-retention) device between the developed area and the required buffers. The remaining buffer area will no longer be mowed and is proposed to be planted with native trees (Maple and London Plane) and native high bush blueberry bushes. The post development condition will allow this area to naturalize as a woodland area.

Wetlands have been delineated and survey located on the project site. The initial delineation was conducted in 2021 by Deidra Benjamin CWS. The soils and Very poorly drained wetland line were delineated by John P. Hayes CWS and CSS. The wetlands were re-reviewed by both parties during the summer months of 2022. They were adjusted in the field and re-located by BS&E as part of an updated survey. Prime Wetland #1 is located in the top right corner of the parcel. As such the 50' & 100' buffer is shown and will not affect the proposed units or any of the proposed construction.

RECEIVED

age 1 of 1

Revision Date 8/31/2011



335 Second Crown Point Road Barrington, NH 03825 Phone: (603) 332-2863 Fax: (603) 335-4623 www.BerrySurveying.Com crberry@metrocast.net August 15, 2023

Town of Barrington Planning Board Attention: Vanessa Price, Town Planner 4 Signature Drive PO Box 660 Barrington, NH 03825

Re:

Planning Board Submission

Hambone LLC

49 Winkley Pond Road Residential Site Review Tax Map 253, Lot 14

Chair and Members of the Barrington Planning Board,

On behalf of the owner and applicant Hambone LLC, Berry Surveying & Engineering (BS&E) is applying for a Residential Site Review on Tax Map 253, Lot 14. This application was previously before the Planning Board under a Design Review Consideration. Since that time, BS&E has taken the provided input from staff members and the Planning Board to develop the submitted Residential Site Review Application.

### Background and General Narrative:

The site is located on Tax Map 235, Lot 14 which has frontage on Winkley Pond Road. The site is 13.47 acres in size and has varying areas of upland islands throughout the property. The front of the site is open and typically mowed with an existing tree line along the southern boundary line. There is an existing single family mobile home that sits along the front of the site and is well within the front setback. The house is serviced by an existing well and an onsite effluent disposal (septic) area (EDA). The location of which is not known at this time.

During the winter months of 2021 BS&E conducted an on the ground survey of the site. This work was conducted under low / no snow conditions. Deidra Benjamin CWS was hired to delineate the edge of jurisdictional poorly drained wetlands at the same time. Subsequent to this delineation, BS&E hired John P. Hayes CWS, CSS to delineate the very poorly drained soils on the project site whereas they are needed to determine the sites residential density and the location of the Prime Wetland located on the project site. The poorly drained flags were removed due to mowing activities on site however the very poorly drained flags are still visible at the time of this writing. Due to a question arising from the Design Review hearing previously held by the Planning Board, we requested that Ms. Benjamin confirm the poorly drained jurisdictional wetland boundary onsite. During the summer months of 2023 Ms. Benjamin re-delineated the boundary which was re-located by BS&E and plotted on the enclosed submission. There are minor differences in the delineation with the revised line being up slope slightly of the original. The wetlands and soils boundary were confirmed by Mr. Hayes with onsite test pitting and a Site-Specific Soils Map was produced. Based on the confirmed wetlands and soils boundaries, the required 50' wetland setback and 100' Prime Wetland setback are applied to the project.





The proposal is to remove the existing barn and single-family structure and construct a private road known as Bridal Path Way. The Site Review regulations require the applicant to review the Subdivision Standards for roadways when designing a project. A Major Access road is triggered being that the design is for more than 4 Units but falls well under the 200 vehicles per day threshold. The road is designed to the width and standards prescribed in Table 1 for the Major Access road with minor waiver requests. (See separate waiver requests.) Curbing is used to direct stormwater in the directions needed for attenuation and treatment. The site is designed in a T fashion to allow for a fire truck to turn around in front of the units. (See Turning Templates on Sheet 30 and 31 of 31) The driveway was re-aligned from the original Design Review proposal based on comments from the Road Agent and Fire Chief. The removal of the barn allows the driveway to be situated at the crest of the vertical curve in front of the site. This allows for the greatest sight distance in each direction. Removal of the barn improves sight distance along the alignment. The driveway is positioned directly across Winkley Pond from the abutting driveway so they are not offset. Sight distances are met in both directions based on the Site Review Regulations with one waiver being requested for the vertex position of the sight distance. (See separate waiver requests).



## **BERRY SURVEYING & ENGINEERING**

335 Second Crown Pt. Rd., Barrington, NH 03825 (603) 332-2863 / (603) 335-4623 FAX www.BerrySurveying.Com A 30,000-gallon fire cistern is proposed along Winkley Pond Road to satisfy the NFPA water availability requirements. The 5-unit building will be suppressed. The duplex is not proposed to be suppressed. The pavement at the front of the cistern is proposed to be widened with entrance and exit aprons proposed. The area is proposed to be curbed with the stormflow being routed into the project site for treatment and attenuation.

The site will be serviced by an onsite EDA and a common well. 6 of the units are proposed to be 2-bedroom units, which is permitted in the local density calculation. The 7<sup>th</sup> unit (Unit #5) is designed as a 1-bedroom unit due to the local onsite density requirements. The total water demand and effluent discharge is estimated to be 2,025 Gallons Per Day (GPD). An access road is provided to the well and eventual well house.

Units #1 through #5 contain garage units that provide for 2 spaces. The front of the unit also provides for 2 additional spaces. Units #5 & #6 have 2 garage spaces available within the unit. A robust landscaping plan is provided for internal and external areas. This includes planting within the buffer that is currently open lawn / field with native plant materials. Lighting is proposed on the units only in an effort to keep lighting level low onsite. A solar lamp could be installed at the project entrance along Winkley Pond if the board and Town Staff feels that it is necessary.

All of the stormwater is captured on the site as well as contributing offsite areas and routed to either an infiltration system or a Rain Garden. Both are designed into the landscape. The discharge to the Rain Garden is then routed to a level spreader prior to entrance into the buffer and wetlands.

Thank you for your time and attention to this matter. We look forward to working with the Planning Board on this project.

**BERRY SURVEYING & ENGINEERING** 

Christopher R. Berry Principal President





### **BERRY SURVEYING & ENGINEERING**

335 Second Crown Pt. Rd., Barrington, NH 03825 (603) 332-2863 / (603) 335-4623 FAX www.BerrySurveying.Com

## Site Plan Waiver Request Form

Under Site Plan Regulations, 3.9.8-Waivers and Article 9-Waiver Procedure

If there is more than one waiver requested, each waiver request is to be individually listed and described, as each waiver is considered individually by the Town of Barrington Planning Board. A petition for waiver shall be submitted in writing by the applicant with the application for review. The request shall fully state the grounds for which the waiver is requested and all facts supporting this request with reference to the applicable Barrington Site Plan Regulations article, section and paragraph. Each waiver granted shall be listed on the approved site plan.

Name of Site Plan (See Title Box): Hambone L	LC, Bridle Path Way
Case Number:	
Site Location: 49 Winkley Pond Road	
Zoning District(s): GR W/ Stratified Drive A	Aquifer Overlay
Owner (s): Hambone LLC	
Address of Owner(s): 242 Central Ave, Dover	r, NH 03820
Address Line 2:	
Name of Applicant (if different from owner): So	ame
Phone Number 603-986-2373	Email robert@centralfallsrealty.com
Land Surveyor: Berry Surveying & Engineering	ng, Christopher R. Berry Project Manager
Christopher Berry, on behalf of the applica	int
Iseek t	he following waiver to the Town of Barrington Site Plan
regulations for the above case submittal:	
Subdivision Regulation Article 12, Tab	ole #1: Minimum Road Centerline Radius ole #2: Grade within 100' of the intersection ) Sight Distances Measurement Location
	RECEIVED AUG 18 2020
	LAND USE OFFICE
	8-15-23

Date

Signature of Owner/Applicant



335 Second Crown Point Road Barrington, NH 03825 Phone: (603) 332-2863 Fax: (603) 335-4623 www.BerrySurveying.Com August 15, 2023

Town of Barrington Planning Board Attention: Vanessa Price, Town Planner 4 Signature Drive PO Box 660 Barrington, NH 03825

RE: Hambone LLC

Waiver Request

49 Winkley Pond Road Tax Map 253, Lot 14

Dear Chairman and Members of the Barrington Planning Board,

In accordance with the Barrington Site Plan Review Regulations Article 8, the following waivers are hereby requested:

## 1. Identification of Waiver Request:

• Article 12, Table #1: Minimum Road Centerline Radius

## 2. Explanation:

The Site Review Regulations refer applicants to the Subdivision Regulations when discussing roadway related design criteria. In this case the applicant is proposing 7 units on a private road which is considered a Major Access in the Road Design Table #1. The minimum centerline radius requirement is 150' and the application provides for a 100' radius. If a larger radius were employed the landing tangency would be eliminated.

## 3. Waiver Justification:

## a. Granting the waiver will properly carry out the purpose and intent of the regulations.

The purpose or the requirement is to ensure safe travel along the alignment and ensure the curvature allows for navigation by safety vehicles. In this case the design is adequate given the proximity and length of the curve to the start and end of the alignment. This short geometry does not allow for excessive speeds given the length of the driveway. Safety vehicles can safely navigate a 100' radius. This can be seen on Sheet 31 of 31.





## b. Strict conformity to the regulations would pose an unnecessary hardship to the applicant.

Strict conformity would place a burden on the applicant by requiring a geometry that is not feasible with the incoming and outgoing tangencies. The driveway was specifically placed at the top of the existing rise in Winkley Pond Road for safety. To increase the radius, the driveway would be required to shift to the south. By doing this it is lowered on the slope and is in a less ideal location for sight distance than what is proposed. The current position is also intentionally aligned with the driveway across the street for the best access management.

## 1. Identification of Waiver Request:

• Article 12, Table #2: Max Grade within 100' of an Intersection.

## 2. Explanation:

The road related Subdivision Regulations require a maximum slope of 2% within 100' of an intersection. The applicant is proposing -3%. The NHDOT requirements are -4%.

## 3. Waiver Justification:

## a. Granting the waiver will properly carry out the purpose and intent of the regulations.

The purpose or the requirement is to ensure a safe platform at the intersection. As noted above -4% is considered a safe platform by NHDOT. The increased slope at the entrance substantially reduces fill needed on the project site and reduces the total pad height of the buildings. This increase from -2% to -3% reduces the amount of grading needed in and around the wetlands buffer. Lastly, the crest of Winkley Pond Road is flat and has very little cross slope definition. By increasing the entrance slope into the project site there is a reduction in the potential risk of icing and ponding at the entrance location.

## b. Strict conformity to the regulations would pose an unnecessary hardship to the applicant.

Strict conformity would place a burden on the applicant by requiring additional fill be brought to the site which may increase the environmental impact of the project. A flatter entrance grade is not the safest geometry given the flat nature of the existing crest of Winkley Pond Road.



#### 1. **Identification of Waiver Request:**

• Article 4.8.6(2) Sight Distance location of the vertex of the sight triangle.

#### 2. **Explanation:**

The Site Review Regulations require the sightline vertex location to be 20' off the edge of pavement or fog line. The applicant is proposing this location to be 14.5' which is consistent with the AASHTO Standard as well as the standard used by NHDOT. All other portions of the sight distance calculation requirements found in Article 4.8.6 are met.

#### 3. Waiver Justification:

## Granting the waiver will properly carry out the purpose and intent of the regulations.

The purpose and intent of requiring sight distances to a certain standard is to ensure the safety of drivers and future occupants of the residences built. By meeting the state and federal requirements the intent and purpose is met.

### b. Strict conformity to the regulations would pose an unnecessary hardship to the applicant.

Strict conformity would place a burden on the applicant by requiring a standard that is not applicable in this case. Such large sight line triangles are typical of actual major intersections and not small residential projects. Common requirements for projects of this nature range between 10' and 14.5' off the edge of pavement or fog line. The 20' requirement would place a sight line that is well outside of any maintained area by the Town of Barrington.

Respectfully Submitted,

BERRY SURVEYING & ENGINEERING

Christopher R. Berry SIT, Project Manager

Principal, President





335 Second Crown Point Road Barrington, NH 03825 Phone: (603) 332-2863

Fax: (603) 335-4623 www.BerrySurveying.Com

Letter of Authorization

To:

Ms. Vanessa Price, Town Planner

Town of Barrington 4 Signature Drive P.O. Box 660

Barrington, NH 03825

Subject:

Residential Site Plan Application

49 Winkley Pond Road

Hambone LLC Barrington, NH

Tax Map 253, Lot 14

Ms. Price,

Please note that I Rober Baldwin, Managing Member of Hambone LLC, grant permission to Berry Surveying & Engineering to apply for all local, state, and federal permits as may be needed to develop 49 Winkley Pond Road in Barrington, NH. This extends to any Project Manager Level employee or above.

Hambone LLC

Robert Baldwin, Managing Member

603-986-2373

robert@centralfallsrealty.com





335 Second Crown Point Road Barrington, NH 03825 Phone: (603) 332-2863 Fax: (603) 335-4623 www.BerrySurveying.Com

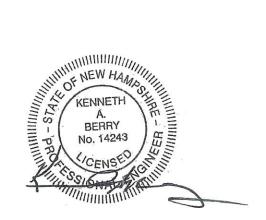
August 16, 2023

Town of Barrington Planning Board Attention: Vanessa Price, Town Planner 4 Signature Drive P.O. Box 660 Barrington, NH 03825

Re:

Traffic Generation Memo Residential Site Plan Hambone, LLC 49 Winkley Pond Road Tax Map 253, Lot 14

Ms. Price,



Pursuant to the Town of Barrington Site Plan Regulations, the proposed seven (7) multi-family dwelling unit project does not trigger the threshold for a short or full traffic analysis. The intent of this document is to discuss the surrounding road network and traffic generation from the proposed land use.

Berry Surveying & Engineering (BS&E), on behalf of the applicant, has prepared a Traffic Generation Memo for the construction of seven (7) townhouse style multifamily dwelling units at 49 Winkley Pond Road. The proposed roadway is known as Bridle Path Way, with 11' travel lanes (22' wide road), sloped granite curbing on both sides and 208 feet in length. Winkley Pond Road in the area of development averages 20' wide and is approximately 0.6 miles long, looping to NH Route 125 in two locations. This loop provides residents with alternative routes to access NH Route 125 or Winkley Pond Road, especially given the geometry of the intersection of NH Route 125, Beauty Hill Road, and Winkley Pond Road 0.2 miles to the north. The end of Bridle Path Way is a hammerhead provided for passenger and emergency vehicle turning.

The following existing trip generation is calculated from the 11<sup>th</sup> Edition Trip Generation Manual using Code 215, single family-attached dwelling units for the weekday AM & PM peak hour of adjacent street traffic:



## **Single Family-Attached Trip Generation**

Time Method		Weekday Total Dwelling Units		Time Method	AM P	AM Peak Adj. Street Traffic Dwelling Units		Time Method	PM Peak Adj. Street Tra Dwelling Units		
#Units		7		#Units		7		#Units	7		
Avg. Rate		7.20		Avg. Rate		0.48		Avg. Rate	0.57		
Total Trips		50		Total Trips		3		Total Trips		4	
% Enter	50	<b>Total Enter</b>	25	% Enter	25	Total Enter	1	% Enter	59	<b>Total Enter</b>	2
% Exit	50	Total Exit	25	% Exit	75	Total Exit	2	% Exit	41	Total Exit	2

It can be seen from the single family-attached unit calculation that a negligible generation of three (3) trips occur during the weekday AM peak hour 7-9AM (1 enter/2 exit), generation of four (4) trips occur during the weekday PM peak hour 4-6PM (2 enter/2 exit), and a generation of fifty (50) trips during a weekday (25 enter/25 exit).

• It is recommended that the existing and surrounding infrastructure will be sufficient to handle the negligible projected increase in vehicle trips during the AM peak hours/PM peak hours and all other hours for Winkley Pond Road.

Respectfully Submitted,

BERRY SURVEYING & ENGINEERING

Kevin R. Poulin, PE

Project Engineer

Christopher R. Berry, SIT Principal, President Kenneth A. Berry, PE, LLS, CPSWQ, CPESC, CESSWI

Principal, VP-Technical Operations

RECEIVED AUG 16 2023

## **BERRY SURVEYING & ENGINEERING**

		Pump	Design				
	21-163		kley Po		1		
	Bridle P						
Design Parameter				<u> </u>			
					Gravity	Line In /	
						in Inv. Out =	163.89
Force Main:	1.50	- Inch SD	I R 11 HDPE	<u>                                     </u>	TOICE IVIA	m mv. out =	103.03
T Gree Main.	1.00	mon ob		<u> </u>	Linelo	w Point =	158.06
Force Main Length:	216.0	- Feet	On-Site		LITTE LO	W I OHIE -	130.00
r oroc main zengin.	210.0	1 001	OH OILO				
Min. Cycle Volume Mair	1: 3.1416 x F	R^2 x 7.48 (	Gal / C.F.	0.092	Gal / L.F.		
,							
Force Main Volume Mai	n: 216.0	0.092	Gal / L.F.	19.83	Gal		
			/olume	19.83			
		Use:	30		Gal		
		1 447					
			oth (Pump				
+			ne (Pump (				
+			s Volume (				
	Pump Off	- Bottom of	vvet vveii	1.067	12.8" w/ le	gs	
	L ongth-	00	- Inches	7.50	- Feet		
	Length= Width=		- Inches		- Feet		
	Height=	51			- Feet		
	ricigit	01	Hiorics	35			
					- Gal / VF		
Wet Well Capacity	· =	833					
Elevations:							
Pump Chamber:	163.60	Invert IN				HAMOUNIA TH ME	
Turnp Chamber.	103.00	IIIVEILIIV				111111	
Chamber Bottom:	159.35				MININE WEW	HARAMI	
Chamber Bottom.	109.00			100	NOV.	WA III	
Pump Off Elev.	160.42			17.41	KENN	TH \	
Tamp on Liev.	100.42				BER	RY T	
Pump On Elev.	160.53				D 140, 1	SEO SEO	
				1	2 CEN	560/25	
Alarm On Elev.	160.63			D.	Sol	Zerilli	
				1	Un SSIGN		
							3
Pump Details:							
		47.2					
Total Equivalent Length of I		V					
	Equiv. L	ength (ft)	Sum				
1.5" F M Line		216.0					
2 Check Valve	22'	per	44	a hearts	W A Land	THE SECOND	

8/16/202312:10 PM

AHG 10 1023

1 of 3 Pages]

1 Gate Valve	0.95' pe	r 1.5" line	0.95				T
4 90 Degree Elbows		1.5" line	17.2				
				Equivalent	Length (Fe	eet)	
Callana nor Min. Est		20	40	F0			
Gallons per Min. Est	•	30	40	50			
Static Head		5.83	5.83	5.83			
Otatio i icad		0.00	3.03	3.03			
Equiv. Pipe Length (1.5")		278.2	278.2	278.2			
Pipe Size		1.50	1.50	1.50			
Friction Loss/100'		6.67	11.36	17.18			
Loss in Feet		18.55	31.60	47.79			
Total Head		24.38	37.43	53.62			
Pump Selection:							
Cap. Reqd. In GPM							
Pipe Size	1.5" SDR	 11 HDPE M	ain				
Main Velocity	7.11						
Pump Model	Liberty FL	50 Effluent	Pump				
Pumping Style	Single						
Fullipling Style	Single					ļ	-
Pump Cap. In GPM/ Pump	41						
Total Head	38						
Bedrooms	4				WHITHIII THE	Шин	
Gallons/Day	600			700	NEW NEW	HAMPS THE	
Gallons/Cycle	30	- Gallons		1111111	BERI	Y )	
Pump Cycles/Day	20.00			HIIII	No. 14	243 E = 243 E	
Pump Run-Time:	0.73	- Minutes			71,0816W	E CONTINUE	
Pressure Check:	95	PSI			· · · · · · · · · · · · · · · · · · ·	11111.	3
i lessule Olleck.	190	I OI				<u></u>	L



Pe	eak Conditi	ons				
21-163 4	9 Winkley F	Pond Roa	nd			
Bridle Path	Way - Bai	rrington, I	VH			
FM Diameter (in)	1.5	0	SDR 11			
Length	216	.0	LF			
Daily Flow Flow Received (GPD)	600					
	Peak Flow					
Peaking Factor	6 (ADF < 100,000)					
Peak Flow (GPM)	2.5					
Emergency	Operations/Sto	rage Capacit	y			
Wet Storage (Gal)		80	3			
24 Hours of storage at Avera	ge Daily Flow (	Gal)		600		
Storage Capacity Check (Gal)	803	>		600		
Required Pump Capacity (GPM)	2.	5				
Provided Pump Capacity (GPM)	41.0					
Req. Pump Capacity Check	41.0	>	•	2.5		
	Hours storage p					
Wet Wel	I & Pump Opera					
	Wet Well Inver					
Invert In:	163.60					
High Water Alarm:	160.63					
Pump On:	160.53					
Dose Depth:	0.11					
Pump Off:	160.42					
Depth of Pump Submersion: Chamber Bottom:	1.07 159.35					
	on Hood Coloui		.35			
Static Head (Ft):	np Head Calcul		33			
	5.83					
Total Dynamic Head (Ft):	38.0					
Pump Information:	Liberty FL 50 Effluent Pump					
Pumping Style		Sin	gle			
Run Time:	0.73 Min			n/Cycle		

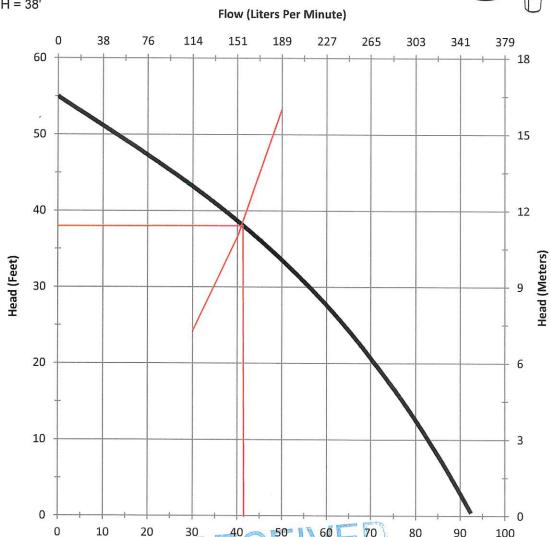


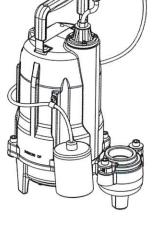
# Liberty Pumps

## **Pump Specifications**

## FL50 Series 1/2 hp Submersible Effluent Pump

21-163 Bridal Path Way GPM = 41TDH = 38'





©Copyright 2017 Liberty Pumps Inc. All rights reserved. Specifications subject to change without notice. LAND USE OFFICE

90

100

Flow (GPM)



335 Second Crown Point Road Barrington, NH 03825 Phone: (603) 332-2863

Fax: (603) 335-4623 www.BerrySurveying.Com

August 15, 2023

**Abutters List** 

## Owner of Record

Tax Map 253, Lot 14

Hambone LLC 242 Central Ave Dover, NH 03820 Book 4976, Page 1023

### Abutters

Tax Map 253, Lot 15

Brian & Miyoko Weeden 63 Winkley Pond Rd Barrington, NH 03825

Tax Map 253, Lot 16, 17 & 18

Donald & David Souliere 73 Winkley Pond Rd Barrington, NH 03825 Book 2067, Page 472

Tax Map 253, Lot 4

Brian H & Lori J Bardwell 40 Hayes Rd Barrington, NH 03825 Book 4306, Page 080

Tax Map 253, Lot 3

Robert & Carol Gahan 23 Hayes Dr Barrington, NH 03825



Tax Map 253, Lot 2

John & Linda Wesley 41 Groton-Harvard Rd Ayer, MA 01432

Tax Map 253, Lot 21

Leahy Rev Liv Tst Tommie J & Debra A Leahy 48 Winkley Pond Rd Barrington, NH 03825 Book 4696, Page 777

Tax Map 254, Lot 1

Birch Hill Est Rev Tst John & Ken Anderson Tstees PO Box 1194 Alton, NH 03809-1194

Tax Map 253, Lot 1

Ward Family Rev Tst Richard L & Cindy M Ward 417 Ocean Rd Portsmouth, NH 03801 Book 5069, Page 547

Tax Map 253, Lot 13

Town of Barrington PO Box 660 Barrington, NH 03825 Book 1968, Page 296

Tax Map 253, Lot 22

14 Winkley Pond Road LLC 37 Route 236 Kittery, ME 03904 Book 5092, Page 986





## **BERRY SURVEYING & ENGINEERING**

335 Second Crown Pt. Rd., Barrington, NH 03825 (603) 332-2863 / (603) 335-4623 FAX www.BerrySurveying.Com

### **Professionals**

Deidra Benjamin, CWS 100 Leavitt Rd Pittsfield, NH 03263

John P. Hayes III, CSS 7 Limestone Way North Hampton, NH 03862

Kenneth A. Berry PE LLS Christopher R. Berry, Project Manager Berry Surveying & Engineering 335 Second Crown Point Road Barrington, NH 03825





## **BERRY SURVEYING & ENGINEERING**

335 Second Crown Pt. Rd., Barrington, NH 03825 (603) 332-2863 / (603) 335-4623 FAX www.BerrySurveying.Com



335 Second Crown Point Road Barrington, NH 03825 Phone: (603) 332-2863

Fax: (603) 335-4623 www.BerrySurveying.Com

## LETTER OF TRANSMITTAL

To:

Ms. Vanessa Price, Town Planner

Town of Barrington 4 Signature Drive P.O. Box 660

Barrington, NH 03825

From: Date:

Christopher R. Berry August 15, 2023

Subject:

Residential Site Plan Application

49 Winkley Pond Road

Hambone LLC Barrington, NH

Tax Map 253, Lot 14

Ms. Price,

We are forwarding to you the following copies in support of the submission of the Supdivision Application for Tax Map 253, Lot 14:

- 2 Full Plan Sets
- 10 Half Scale Sets
- 12 Application Packages that contain the following
  - Project Application
  - Project Narrative (Town of Barrington Form)
  - Project Narrative
  - Project Checklist
  - Letter of Authorization
  - Waiver Requests (Town of Barrington Form)
  - Waiver Requests Narrative form.
  - Traffic Memo
- 2 Drainage Binders
- PDF copies sent by email 8-16-23 <u>VPrice@barrington.nh.gov</u>, birvine@barrington.nh.gov>;

Respectfully submitted,

BERRY SURVEYING & ENGINEERING

Principal, President

Kevin Poulin, PE Project Engineer

8 × 14 Hburn., App 300.00 #412.00 creat 5 75.00 8 × 14 Abutters